

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 54567PCT8A	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 99/ 25781	International filing date (day/month/year) 02/11/1999	(Earliest) Priority Date (day/month/year) 19/11/1998
Applicant 3M INNOVATIVE PROPERTIES COMPANY et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of invention is lacking (see Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

2

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/25781

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09J7/04 A61F13/62 C08F290/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09J A61F C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 616 629 A (NGUYEN THANH V ET AL) 1 April 1997 (1997-04-01) cited in the application abstract column 3, line 11 - line 37 column 6, line 38 -column 7, line 65 column 9, line 25 - line 46 column 10, line 19 - line 23 column 11, line 34 - line 56 ---	12,13, 15,16
Y	column 3, line 11 - line 37 column 6, line 38 -column 7, line 65 column 9, line 25 - line 46 column 10, line 19 - line 23 column 11, line 34 - line 56 ---	1-11
Y	WO 96 21413 A (MINNESOTA MINING & MFG ;TUSCHY JOERG OTTO PAUL (DE); DAHM AXEL JOH) 18 July 1996 (1996-07-18) page 3, line 9 -page 4, line 21 page 5, line 17 - line 33 page 6, line 25 -page 7, line 34 claim 1 figures 1-6,12,13 ---	1-11
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

21 March 2000

30/03/2000

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/25781

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 201 808 A (BABIAN GUNTHER W ET AL) 6 May 1980 (1980-05-06)	15,16
A	abstract column 2, line 65 -column 3, line 15 column 3, line 26 -column 4, line 17 column 4, line 44 - line 63 column 6, line 27 - line 32 column 9, line 66 -column 10, line 24 claims 1,2,14 -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/25781

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5616629	A 01-04-1997	AU 3325595 A		14-03-1996
		BR 9509141 A		25-11-1997
		CN 1168652 A		24-12-1997
		DE 19581750 T		17-07-1997
		GB 2306492 A, B		07-05-1997
		WO 9605962 A		29-02-1996
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		CN 1136427 A		27-11-1996
		DE 69511105 D		02-09-1999
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		EP 0796073 A		24-09-1997
		JP 10512162 T		24-11-1998
		NZ 280702 A		24-06-1997
US 4201808	A 06-05-1980	CA 1121542 A		06-04-1982
		EP 0006705 A		09-01-1980
		JP 1160396 C		25-07-1983
		JP 54162787 A		24-12-1979
		JP 57057096 B		02-12-1982